



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

JENNIFER COHAN
SECRETARY

**Advisory Council on Connected and Autonomous Vehicles
(Executive Order 14)
Subcommittee on Technology, Security, and Privacy**

Thursday, March 15, 2018
8:30am – 10:30am
DelDOT Administration Building, 800 Bay Road, Dover, DE
Farmington/Felton Conference Room

MINUTES

1. Welcome & Introductions

- a. The meeting commenced at 8:32 AM. E. Starkey indicated the primary objective for this meeting was to allocate time for the three workgroups to meet and discuss and develop their recommendations. E. Starkey directed committee members and attendees to introduce themselves.

Present Voting Committee Members

Philip Barnes	University of Delaware (UD) Institute of Public Administration
Scott Clapper	Division of Motor Vehicles (DMV)
Jim Garrity	Diamond Technologies
Ken Grant	AAA Mid-Atlantic
Li Wen Lin	DelDOT—Technology and Innovation
Scott O'Connor	Delaware Department of Technology and Information (DTI)
Shari Shapiro	Uber
Elayne Starkey	Delaware Department of Technology and Information (DTI)
Sergeant Steve Yeich	Delaware Information and Analysis Center (DIAC)

Members Present by Proxy

Frank Pyle	Insurance Commissioner's Office (Proxy for Leslie Ledogar)
Rhett Ruggerio	Alliance of Automobile Manufacturers (Proxy for Renee Gibson)

Absent Committee Members

Aleine Cohen	Department of Justice
Brian Pettyjohn	State Senate



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Also Present

Ruth Briggs King	House of Representatives
Erin Coombs	Jacobs
Todd Reavis	DelDOT – Technology and Innovation
Megan Rosica	Jacobs

2. Approval Minutes from Last Meeting

- a. The committee reviewed the previous meeting minutes and had no revisions or comments. K. Grant made a motion to approve the minutes. Motion was seconded by S. O'Connor. Motion passed and the minutes were approved.

3. Review of Action Items from Last Meeting

- a. E. Starkey submitted the final project charter to Secretary Cohan on February 19.
- b. M. Rosica researched state legislation and policy specific to technology, security, and privacy regarding autonomous vehicles.
 - i. Self-Drive Bill – Passed House
 - ii. SPY Car Act – Introduced but not passed; still in Committee
- c. K. Grant reached out to his counterparts in Las Vegas to share their survey data and has not yet received a response. He will continue efforts on this.
- d. K. Grant also reached out to policy experts and received an email with some potential contacts for coordination. He will continue to get more information.
- e. P. Barnes will continue to research various data types and collection scenarios. R. Ruggerio offered to pass along additional contact information to P. Barnes to help with this research.
- f. E. Starkey reached out to Gartner for a call with the committee. Gartner was unavailable for this meeting but the committee may try and schedule a call for a future meeting.
- g. The Technology Workgroup has prepared a briefing for the committee to review and discuss at this meeting.

4. Individual Workgroup Time: Technology, Security, and Privacy

- a. The committee separated into three workgroups for individual discussions.

5. Workgroup Briefings

- a. L. Lin gave an overview of the briefing prepared by the Technology Workgroup. Their briefing is organized following the subcommittee report template that defines focus areas, stakeholders, opportunities and risks, legislation, and recommendations associated with technology and CAV. The group's mission is to identify technology impacts and possible outcomes with CAV.
 - i. Focus areas and target outcomes included:



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1. Developing a plan/proposal to support the addition of necessary technology infrastructure and to plan for the growth of technology and infrastructure.
 2. Coordinate with surrounding states on CAV technology standards and partner with state services for deliverables as public transportation changes.
 3. Determine how to maintain state revenue as funding, economic development, and tax policies change.
 4. Legislation and policy (warrantless car searches, ECPA, Self-Drive Bill, etc.)
- ii. Identified Stakeholders:
 1. Residents
 2. External partners, education institutions, vendors
 3. Government entities
 - iii. Recommendations (highest priority, according to the workgroup):
 1. Define data ownership
 2. Increase fiber across the state
 3. Add blockchain technology
- b. The Security Workgroup gave a brief overview of their individual discussions based on the subcommittee report template which defines focus areas, stakeholders, opportunities and risks, legislation, and recommendations associated with security and CAV. The group's mission is to identify security impacts and possible outcomes with CAV.
- i. Focus areas and target outcomes are as follows:
 1. Address potential threats to security (e.g. hacking and commandeering of vehicles in order to cause harm).
 2. Determine what data is needed, how the data will be stored/accessed, and the minimum amount needed in order to make informed decisions.
 3. Identify a mechanism for linking the private sector with cybersecurity best practices – developing regulations for the private sector while also keeping Delaware within other states' standards.
 4. Develop understanding of possible scenarios regarding data (collection, location, stewardship, and retention).
 - ii. Identified Stakeholders:
 1. Residents
 2. External partners, educational institutions, vendors
 3. Government entities
 - iii. Recommendations (highest priority, according to the workgroup):
 1. Add blockchain technology
 2. Define data ownership
 3. Standardize regional security procedures and protocols
- c. Each workgroup's individual reports will be consolidated into a final Subcommittee report.



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- d. R. Briggs King asked if the committee had considered the topic of net neutrality and potential impacts to CAV technology, security, and privacy.
 - i. J. Garrity responded that globally, the issue of net neutrality is predicted to fix itself; connectivity providers have Electronic Network Systems (ENS) – the hope is that private sectors will mitigate issues based on actions of providers.

6. New Business

- a. Next Meeting: Thursday April 19th
 - i. The group agreed that a similar format with breakout sessions for individual workgroups will be valuable
 - ii. The Privacy workgroup will provide a briefing to the full subcommittee at the next meeting.

7. Public Comment

- a. There were no comments from the public.

- 8. J. Garrity made a motion to adjourn the meeting and L. Lin seconded. The motion passed and the meeting adjourned at 10:40 AM.

Action Item Summary:

- 1. K. Grant will continue outreach to his counterparts in Las Vegas to share their survey data.
- 2. K. Grant will continue outreach to policy experts.
- 3. R. Ruggerio will pass along additional contact information to P. Barnes to help with data collection/scenario research.
- 4. E. Starkey and M. Rosica to begin planning to consolidate workgroup discussions and reports in order to develop a final report outline.
- 5. Privacy workgroup will provide a briefing to the full subcommittee at the next meeting.